

In the Specification

Please replace the paragraph [0060] on page 13 with the following rewritten paragraph:

Fig. 5 is a first embodiment of the thermal diffusion film 381. In this case, the thermal diffusion film ~~37~~381 is continued from the coil film 37, and expanded outside. The Joule heat created in the coil film 37 is directly transmitted to the thermal diffusion film 381 at the same surface level. In the coil film 37, the constructional properties such as the line width, the pitch, and the winding number are strictly restricted, but in the thermal diffusion film 381, such constructional properties are not strictly restricted. Therefore, the area of the thermal diffusion film 381 can be enlarged within a physically allowable range. As a result, the thermal diffusion film 381 can have a large heat capacity, and thus, absorb the Joule heat in the coil film 37 effectively. Moreover, since a sharp and large thermal gradient is created in between the coil film 37 and the slider 73, the absorbed heat can be thermally transmitted to the slider 73 effectively.